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D1120-4

Amendment to the Claims:

Please amend the claims as follows:

Please cancel claims 96 to 98 and 133 to 137, without prejudice.

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claim 1 to 92 (canceled)

Claim 93 (currently amended): An isolated or recombinant polypeptide having at least 70% ~~about 50%~~ sequence identity to a polypeptide having a sequence as set forth in SEQ ID NO:4 and having α -galactosidase activity.

Claim 94 (previously presented): The isolated or recombinant polypeptide of claim 93, wherein the sequence identity is determined by analysis with a sequence comparison algorithm.

Claim 95 (currently amended): The isolated or recombinant polypeptide of claim 93 having at least 99% ~~about 55%~~ sequence identity to a polypeptide having a sequence as set forth in SEQ ID NO:4.

Claims 96 to 98 (canceled)

Claim 99 (currently amended): The isolated or recombinant polypeptide of claim 93, wherein the polypeptide has ~~98 having~~ at least ~~[[about]]~~ 75% sequence identity to a polypeptide having a sequence as set forth in SEQ ID NO:4 ~~as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and~~ having α -galactosidase activity.

Claim 100 (currently amended): The isolated or recombinant polypeptide of claim 99, wherein the polypeptide has ~~[[having]]~~ at least ~~[[about]]~~ 80% sequence identity to a

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polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

Claim 101 (currently amended): The isolated or recombinant polypeptide of claim 100, wherein the polypeptide has [[having]] at least [[about]] 85% sequence identity to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

Claim 102 (currently amended): The isolated or recombinant polypeptide of claim 101, wherein the polypeptide has [[having]] at least [[about]] 90% sequence identity to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

Claim 103 (currently amended): The isolated or recombinant polypeptide of claim 102, wherein the polypeptide has [[having]] at least [[about]] 95% sequence identity to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

Claim 104 (previously presented): An isolated or recombinant polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 105 (currently amended): An isolated or recombinant polypeptide having α -galactosidase activity comprising at least 10 consecutive amino acids of the polypeptide as set forth in ~~of claim 93 or~~ claim 104 and having α -galactosidase activity.

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Claim 106 (currently amended): The isolated or recombinant polypeptide of claim 105 comprising at least 15 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 107 (currently amended): The isolated or recombinant polypeptide of claim 106 comprising at least 20 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 108 (currently amended): The isolated or recombinant polypeptide of claim 107 comprising at least 25 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 109 (currently amended): The isolated or recombinant polypeptide of claim 108 comprising at least 30 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 110 (currently amended): The isolated or recombinant polypeptide of claim 109 comprising at least 35 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 111 (currently amended): The isolated or recombinant polypeptide of claim 110 comprising at least 40 consecutive amino acids of the polypeptide of claim 104.

Claim 112 (previously presented): The isolated or recombinant polypeptide of claim 111 comprising at least 50 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 113 (currently amended): The isolated or recombinant polypeptide of claim 112 comprising at least 55 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

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Claim 114 (currently amended): The isolated or recombinant polypeptide of claim 113 comprising at least 100 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 115 (currently amended): The isolated or recombinant polypeptide of claim 114 comprising at least 150 consecutive amino acids of the polypeptide having a sequence as set forth in SEQ ID NO:4.

Claim 116 (currently amended): An isolated or recombinant polypeptide encoded by a polynucleotide sequence having at least 70% ~~about 50%~~ sequence identity to SEQ ID NO:3, wherein the polypeptide has α -galactosidase activity.

Claim 117 (currently amended): An isolated or recombinant polypeptide encoded by a polynucleotide sequence having at least 70% ~~about 50%~~ sequence identity to SEQ ID NO:3, wherein the polypeptide catalyzes the enzymatic hydrolysis of saccharides.

Claim 118 (currently amended): An enzyme preparation comprising the polypeptide of claim 93 ~~or claim 105~~ and a liquid, wherein the polypeptide has α -galactosidase activity.

Claim 119 (currently amended): A dry enzyme preparation comprising the polypeptide of claim 93 ~~or claim 105~~, wherein the polypeptide has α -galactosidase activity.

Claim 120 (previously presented): The isolated or recombinant polypeptide of claim 116, wherein the α -galactosidase activity comprises the ability to renature and regain activity after exposure to temperatures of about 60°C to about 105°C.

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Claim 121 (currently amended): The isolated or recombinant polypeptide of claim 116, wherein the polypeptide is encoded by a polynucleotide sequence having at least 97% ~~about 55%~~ sequence identity to SEQ ID NO:3.

Claims 122 to 124 (canceled)

Claim 125 (currently amended): The isolated or recombinant polypeptide of claim 116, wherein the polypeptide is encoded by a polynucleotide sequence having at least [[about]] 75% sequence identity to SEQ ID NO:3.

Claim 126 (currently amended): The isolated or recombinant polypeptide of claim 116, wherein the polypeptide is encoded by a polynucleotide sequence having at least [[about]] 80% sequence identity to SEQ ID NO:3.

Claim 127 (currently amended): The isolated or recombinant of claim 116, wherein the polypeptide is encoded by a polynucleotide sequence having at least [[about]] 85% sequence identity to SEQ ID NO:3.

Claim 128 (currently amended): The isolated or recombinant polypeptide of claim 116, wherein the polypeptide is encoded by a polynucleotide sequence having at least [[about]] 95% sequence identity to SEQ ID NO:3.

Claim 129 (previously presented): An isolated or recombinant polypeptide having α -galactosidase activity having a sequence as set forth in SEQ ID NO:4 comprising at least one conservative amino acid substitution, wherein the conservative amino acid substitution comprises substituting one hydrophobic amino acid for another or substituting one polar amino acid for another.

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Claim 130 (currently amended): The isolated or recombinant polypeptide of claim 129, wherein arginine is substituted for lysine, ~~[[or]]~~ glutamic acid is substituted for aspartic acid, or glutamine is substituted for asparagine.

Claim 131 (previously presented): The isolated or recombinant polypeptide of claim 93 or claim 105, wherein the polypeptide is chemically linked to ~~associated with~~ a polyethylene glycol and the polypeptide has α -galactosidase activity.

Claim 132 (currently amended): An isolated or recombinant polypeptide having α -galactosidase activity comprising an enzymatically active fragment of the polypeptide of ~~claim 93 or~~ claim 104.

Claims 133 to 137 (canceled)

Claim 138 (new): An isolated or recombinant polypeptide having α -galactosidase activity comprising at least 10 consecutive amino acids of a polypeptide having at least 70% sequence identity to a polypeptide having a sequence as set forth in SEQ ID NO:4 and having α -galactosidase activity.

Claim 139 (new): The isolated or recombinant polypeptide of claim 138 comprising at least 15 consecutive amino acids of the isolated or recombinant polypeptide.

Claim 140 (new): The isolated or recombinant polypeptide of claim 139 comprising at least 20 consecutive amino acids of the isolated or recombinant polypeptide.

Claim 141 (new): The isolated or recombinant polypeptide of claim 140 comprising at least 25 consecutive amino acids of the isolated or recombinant polypeptide.

Claim 142 (new): The isolated or recombinant polypeptide of claim 141 comprising at least 30 consecutive amino acids of the isolated or recombinant polypeptide.

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Claim 143 (new): The isolated or recombinant polypeptide of claim 142 comprising at least 35 consecutive amino acids of the isolated or recombinant polypeptide.

Claim 144 (new): The isolated or recombinant polypeptide of claim 143 comprising at least 40 consecutive amino acids of the isolated or recombinant polypeptide.

Claim 145 (new): The isolated or recombinant polypeptide of claim 144 comprising at least 50 consecutive amino acids of the polypeptide.

Claim 146 (new): The isolated or recombinant polypeptide of claim 145 comprising at least 55 consecutive amino acids of the polypeptide.

Claim 147 (new): The isolated or recombinant polypeptide of claim 146 comprising at least 100 consecutive amino acids of the polypeptide.

Claim 148 (new): The isolated or recombinant polypeptide of claim 147 comprising at least 150 consecutive amino acids of the polypeptide.

Claim 149 (new): An isolated or recombinant polypeptide comprising an active fragment of the polypeptide of claim 93.

Claim 150 (new): The isolated or recombinant of claim 104, wherein the polypeptide is associated with a polyethylene glycol.

Claim 151 (new): An enzyme preparation comprising the polypeptide of claim 104 and a liquid.

Claim 152 (new): A dry enzyme preparation comprising the polypeptide of claim 104.

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